

SEQUENCE LISTING

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UNSWORTH, EDWARD J.
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WALSH, THOMAS
GREY, KAREN
MACRI, CHARLES

<120> Functional Role of Adrenomedullin (AM) and the
Gene-Related Product (PAMP) in Human Pathology and
Physiology

<130> 2026-4202US4

<140> 2026-4202US4

<141> 2001-08-15

<150> 09/011,922

<151> 1998-02-17

<150> PCT/US96/13286

<151> 1996-08-16

<150> US/60/013,172

<151> 1996-03-12

<150> US60/002,936

<151> 1995-08-30

<150> US/60/002,514

<151> 1995-08-18

<160> 17

<170> PatentIn Ver. 2.1

<210> 1

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide, P070,
YY-PreproAM (amino acids 34-41)

<400> 1

Tyr Tyr Trp Asn Lys Trp Ala Leu Ser Arg
1 5 10

<210> 2

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide,
P071, YGG-PreproAM (amino acids 122-131)

<400> 2

Tyr Gly Gly His Gln Ile Tyr Gln Phe Thr Asp Lys Asp
1 5 10

<210> 3

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide, P072,
PreproAM (amino acids 116-146)

<400> 3

Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr Asp Lys Asp
1 5 10 15

Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln Gly Tyr
20 25 30

<210> 4

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
sense primer, AM, (nucleotides 94-114)

<400> 4

aagaagtgga ataagtgggc t

21

<210> 5
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Nucleic Acid,
 antisense primer, AM, (nucleotide 444-464)

<400> 5
 tggcttagaa gacaccagag t 21

<210> 6
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Nucleic Acid,
 antisense probe, AM, (nucleotides 289-309)

<400> 6
 ctggaagttg ttcattgtct g 21

<210> 7
 <211> 20
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Peptide ,
 PAMP-20, Proadrenomedullin N-terminal 20 amino
 acids

<400> 7
 Ala Arg Leu Asp Val Ala Ser Glu Phe Arg Lys Lys Trp Asn Lys Trp
 1 5 10 15
 Ala Leu Ser Arg
 20

<210> 8
 <211> 21
 <212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
sense primer, AM, (nucleotides 250-270)

<400> 8

aagaagtgga ataagtgggc t

21

<210> 9

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
antisense primer, AM, (nucleotides 640-660)

<400> 9

tggcttagaa gacaccagag t

21

<210> 10

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
Nested Antisense probe, AM, (nucleotides
541-561)

<400> 10

gacgttgccc ttgtccttat c

21

<210> 11

<211> 22

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Nucleic Acid,
AM-R amplification sense primer (nucleotides
476-497)

<400> 11

agcgccacca gcaccgaata cg

22

<210> 12

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Nucleic Acid,
AM-R amplification antisense primer (nucleotides
923-946)

<400> 12

agaggatggg gttggcgaca cagt

24

<210> 13

<211> 24

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Nucleic Acid,
AM-R antisense probe (nucleotides 788-811)

<400> 13

ggtagggcag ccagcagatg acaa

24

<210> 14

<211> 31

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide,
Synthetic homolog of AM (P072), Structural amino
acid sequence representing two-thirds of the
intact AM peptide

<400> 14

Thr Val Gln Lys Leu Ala His Gln Ile Tyr Gln Phe Thr Asp Lys Asp

1

5

10

15

Lys Asp Asn Val Ala Pro Arg Ser Lys Ile Ser Pro Gln Gly Tyr

20

25

30

<210> 15
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
Sense primer, AM, (nucleotides 250-270);
Recognizes the most conserved regions of the AM
gene

<400> 15
aagaagtgga ataagtgggc t

21

<210> 16
<211> 20
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic Acid,
Antisense primer, AM, (nucleotides 523-542);
Recognizes the most conserved regions of the AM
gene

<400> 16
tgtgaactgg tagatctggt

20

<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Nucleic acid
probe, AM, (nucleotides 430-450); Detects the AM
gene via Southern Blot

<400> 17
tctggcggta gcgcttgact c

21